IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

| In re application of | |) |
|----------------------|---|----------------------|
| | Kazuhide Nakajima et al. |) |
| Serial No.: | 10/523,460 |) Art Unit) 2874 |
| Filing Date: | February 6, 2005 |) 28/4 |
| Confirmation No.: | 5805 |) |
| For: | SINGLE MODE OPTICAL FIBER WITH ELECTRON VACANCIES |)) |
| Examiner: | Michelle R. Connelly Cushwa |) |

AMENDMENT "A" AND RESPONSE TO OFFICE ACTION OF 02 OCTOBER 2006

Mail Stop: AMENDMENT Commissioner for Patents PO Box 1450

Alexandria, Virginia 22313-1450

Sir:

Applicant submits this paper in response to the Office Action mailed October 2, 2006. Reconsideration is respectfully requested in view of the following remarks:

Amendments to the Specification begin on page 2 of this paper.

Amendments to the Claims begin on page 7 of this paper.

Remarks begin on page 9 of this paper.

1 Serial No. 10/523,460